

SGG ANTELIO PLUS

Reflective Glass - Solar Control Glass - SGG ANTELIO PLUS



BASIC INFORMATION

SGG ANTELIO PLUS is another reflective solar control exterior glass that can be used to block the incoming heat radiation from the sun, while allowing in natural light.

DESCRIPTION

SGG ANTELIO PLUS solar control glass is manufactured by an off-line coating process. The technology used in this manufacturing is called 'Physical Vapour Deposition (PVD)'. This process creates a highly resistant stable coating. The reflective appearance and solar control properties are determined by the nature of the coating.

It satisfies the growing needs of architects and designers for higher light transmission, very low reflection and soothing colours in the facade.

RANGE

SGG Antelio Plus offers a varied range of options to choose from:

- SGG Antelio Plus Dew Drop (ST 150)
- SGG Antelio Plus Sparkling Ice (ST 167)
- SGG Antelio Plus Forest Green
- SGG Antelio Plus Blue- Green (ST 450)
- SGG Antelio Plus Emerald Glaze (ST 467)
- SGG Antelio Plus Imperial Blue
- SGG Antelio Plus Royale Blue (ST 750)
- SGG Antelio Plus Blue Ray (ST 767)

SGG Antelio Plus meets the standards set by LEED & Teri Griha.

PROCESSING CAPABILITIES

While Antelio Plus is primarily used for solar control, it can be transformed into multifunctional glass, either single or double glazed, where it can integrate additional functions like thermal insulation, acoustic insulation, impact protection and fire resistance.

PRODUCT APPLICATION

SGG ANTELIO PLUS is intended primarily for large scale applications such as offices, commercial, educational and industrial structures and apartment blocks.

Double Glazed units : When combined with Planitherm which has enhanced thermally insulation glass, both heating and air-conditioning costs can be reduced.

ADVANTAGE

SGG ANTELIO PLUS comes in variety of sizes and colours and offers many benefits.

Wide Range of performance levels:

Based on the colour of the base glass, the position and the nature of coating, Antelio Plus offers a broad spectrum of performance levels.

Flexible applications depending on the precise requirements of the application, it is possible for example, to increase interior light levels (with a light transmittance) or diminish solar energy gain (with a low solar factor).

Strength and durability:

Manufactured by temperable magnetron coating method, the coating is stable, strong and scratch resistant.

Ease in processing:

Antelio Plus can be easily cut, toughened, enameled, curved, laminated and assembled into double glazing.

Processed product variations:

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GUIDELINE

In all cases ^{SGG} ANTELIO Plus must be installed in accordance with general installation recommendations and current national regulations.

^{SGG} ANTELIO Plus can be installed in exterior glass bolted assemblies.

^{SGG} ANTELIO Plus can be installed in exterior structural sealant glazing

Processors and installers must check in advance that all glazing mastics and sealants used are compatible with the coating. This includes assembly into double- glazed units, standard installation or use in exterior structural sealant glazing.